

REVEAL COVE & PATHWAY

24VDC PLASTER-IN LED SYSTEM, MONOCHROMATIC COLOR

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



REV 05.16.25



Let The Drywall Be Your Canvas

DESCRIPTION

Reveal Cove/Pathway Monochromatic is Plaster-in 24VDC LED system that Recesses within 5/8" drywall without any joist modification. Redefining the relationship between Lighting and Interior Design, this innovative system blends seamlessly into the drywall, accenting architecture and serves as a practical wayfinding application. The slim extrusions and LED strips are fieldcuttable and ordered in 1' increments (up to 20' before re-feeding). Multiple runs of channel mount flawlessly together providing smooth and Glare-free general illumination with monochromatic color effects, Click here for all Other Color Temperatures. With the ability to run in horizontal and diagonal directions, the compositions are truly endless. Coordinate installation with electrical and drywall contractors. Includes a 5-year pro-rated warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting. com.

DESIGN NOTE

Reveal Cove/Pathway projects an indirect glow onto ceilings or floors to provide a glare-free architectural solution for both cove or pathway lighting applications.

ORDERING + INSTALLATION

Reveal can be secured to studs spaced 13"-24" apart or between studs with provided mounting clips. Requires Remote Power Supply (ordered separately) In-Wall Mounting Kits are available for select power supplies. Order in 1' increments, field-cuttable to any length.

INCLUDED COMPONENTS

Junction Box with Adjustable Mounting Bars, 6" Starter Piece, Reveal Channel(s), Power Feed End Cap, Junction Box Cover, Dead End Cap, Take-Up Box, Drywall Screws, and LED Strip

- · Red, Amber, Green, and Blue Monochromatic colors.
- Average life: 50,000 hours
- · For additional color temperatures refer to other specifications

MAXIMUM LENGTHS BEFORE RE-FEEDING:

5WDC - 4.4 watts per foot - 20'

REMOTE POWER SUPPLIES*, DIMMERS & CONTROLS (SOLD SEPARATELY)

24VDC. Class 2 wiring

- Static White & Warm Dim
- Pure Smart[™] WiZ Pro Connected Power Supplies & Controls
- UNI Driver: Universal Dimming (TRIAC, ELV, 0-10V)
- Lutron Hi-Lume/Ecosystem ٠

*In-Wall Mounting and drop ceiling Kits available for select power supplies [†]ELV power supplies are not compatible with nLight, use only Universal power supplies

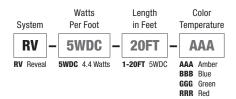
APPLICATIONS

Designed for any Indoor space with drywall, including Damp locations. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

COMPLIANCE

ETL Listed, RoHS, Class 2, Damp Location, Made in USA.

For quick & easy reference, plus the most up-to-date pricing, use our Reveal Cove Pathway Configurator.



FIXTURE TYPE



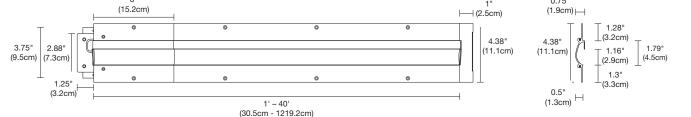
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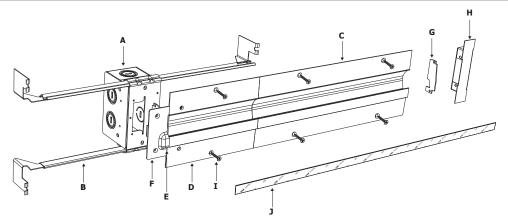


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INCLUDED COMPONENTS



A. JUNCTION BOX

Mounts behind drywall with Adjustable Mounting Bars, and includes a drywall template for accurate installation. Low Voltage 24VDC wires from Remote Power Supply connect to LED wires inside box. Junction Box opening is concealed with the Reveal Junction Box cover and is required at the beginning of each run.

B. ADJUSTABLE MOUNTING BARS

Provide flexibility for mounting in a variety of spaces.

C. REVEAL CHANNEL

0.5" deep extrusion houses a single row of commercial-grade White or Dynamic Color Changing LED Strip.

D. REVEAL 6" STARTER PIECE

E. POWER FEED END CAP

Provides a connection area for 24VDC wires at beginning of run where LED Strip enters channel.

F. JUNCTION BOX COVER

Conceals Junction Box opening. Required at the beginning of each run.

G. DEAD END CAP PLATE

Provides a finished look and prevents light leak at feed-end of run where LED Strip exits channel.

H. TAKE-UP BOX

Prevents dark spots at end of run by tucking excess LED Strip safely behind wall.

I. DRYWALL SCREWS

Secure channel to drywall and stud.

J. LED STRIP

(Back Side shown) commercial-grade White or Dynamic Color Changing LED Strip. See lamp data on for additional details.



JUNCTION BOX ROUGH-IN COMPONENT

One Junction Box is included with Reveal. Order additional Junction Box separately to rough-in electrical wiring before drywall installation. Quick shipment available.



DATE

PROJECT

FIXTURE TYPE

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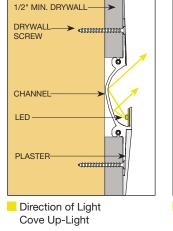
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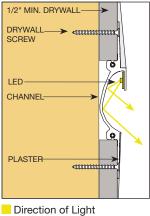
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INSTALLATION



- A. DIMMER OR SWITCH
- B. 120VAC WIRING TO 120V/24VDC REMOTE POWER SUPPLY
- C. 24VDC, CLASS 2 WIRING
- D. END FEED POWER CONNECTOR WITH JUNCTION BOX
- E. TAKE-UP BOX
- F. REVEAL CHANNEL





Direction of Light Pathway Down-Light

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LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS
1	5	6	30	11	54	16	78
2	10	7	34	12	58	17	82
3	16	8	40	13	64	18	88
4	20	9	44	14	68	19	92
5	24	10	48	15	72	20	96

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